UHF High Band

Control Setting	Test Instrument Connection	Adjust	Result
OFF/VOLUME control: ON. SQUELCH control: CCW. Select channels 11 through 13.	Connect the DC SSVM to TP5. See Figure 3	L11	1. Select channel 13 ar adjust L11 for 13.0 volt the DC SSVM. 2. Check channel 11 for 5. 6.3 volts on the DC SSVI See Table 4.

Channel	Frequency	Voltage at TP5
11	806.000 MHz	5.3-6.3 volts
12	860.000 MHz	7.5-8.5 volts
13	960.000 MHz	12.9-13.1 volts

Table 4

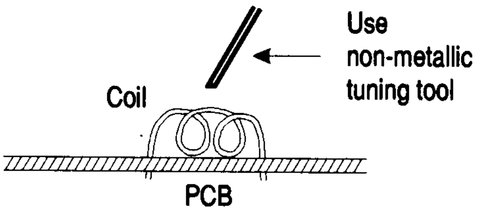

Figure 2

Note: Be very careful when doing internal alignment of coil L11 as shown in Figure 2 because it greatly affects frequency.

Secure the coil with glue after alignment and then repeat the steps above after checking that the coil is secu and the temperature is normal.

Reference Frequency Osc. Alignment

Control Setting	Test Instrument Connection	Adjust	Result
OFF/VOLUME control: ON. SQUELCH control: CCW. Select channel 3.	Connect the frequency counter to TP3. See Figure 3	TC5	Adjust TC5 so the frequency 98.700000 MH±10 Hz.

IF Section Alignment

Control Setting	Test Instrument Connection	Adjust	Result
OFF/VOLUME control: ON. SQUELCH control: CCW.	Connect DC SSVM to TP6. See Figure 4	T8	Adjust T8 for 2.0 volts on tl DC SSVM.

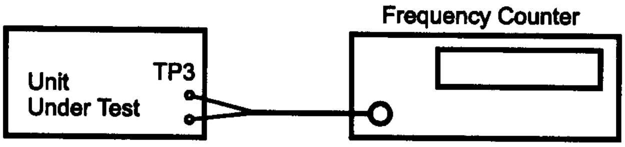

Figure 3

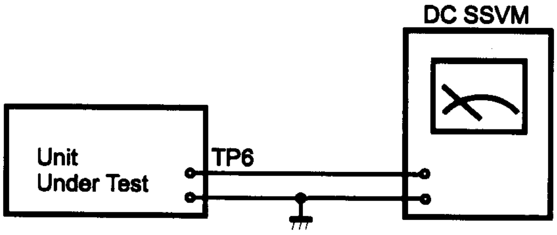

Figure 4